Inventor: Miller et al.
Bingham Docket No: 71

Assignee: Purcell Systems, inc. Short Title: Base Assemblies

CLAIMS

We claim:

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- 1. A base assembly, comprising
 - a frame system;
- a plurality of receiving members coupled to the frame system; and
 at least one coupling apparatus, whereby the coupling apparatus is designed to couple
 or to faciliate coupling of the base assembly to a load component.
 - 2. The base assembly of claim 1, wherein the frame system comprises at least two parallel beams.
- 10 3. The base assembly of claim 2, wherein the frame system comprises at least one cross beam.
 - 4. The base assembly of claim 1, wherein the frame system comprises a square, a rectangular, a triangular or a hexagonal configuration.
- 5. The base assembly of claim 4, wherein the frame system comprises a rectangular configuration.
 - 6. The base assembly of claim 1, further comprising at least one additional frame system coupled to the base assembly.
 - 7. The base assembly of claim 1, wherein the receiving members comprise tubes or channels.
- 20 8. The base assembly of claim 1, wherein the receiving members are structurally reinforced.
 - 9. The base assembly of claim 1, wherein the base assembly comprises steel.
 - 10. The base assembly of claim 1, wherein the coupling apparatus comprises at least one of a soldering joint, a bolt/nut/washer apparatus, an adhesive component, a molding component, a grip component or a combination thereof.
 - 11. The base assembly of claim 10, wherein the coupling apparatus comprises at least one nut/bolt/washer apparatus.

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- 12. The base assembly of claim 11, where the coupling apparatus further comprises a sheer.
- 13. The base assembly of claim 12, wherein the sheer is ¼ inch in height.
- 14. The base assembly of claim 1, wherein the load component comprises a remote enclosure system.
- 15. The base assembly of claim 1, wherein the load component is a wine, liquor or beer barrel or drum.
- 16. A load assembly, comprising:the base assembly of claim 1; anda load component.
- 17. The load assembly of claim 16, wherein the load component comprises a remote enclosure system.
- 18. The load assembly of claim 16, wherein the load component is a wine, liquor or beer barrel or drum.
- 15 19. A method of producing a load assembly, comprising:

 providing the base assembly of claim 1;

 providing a load component; and

 coupling the base assembly and the load component.
 - 20. The method of claim 19, wherein the frame system comprises at least two parallel beams.
 - 21. The method of claim 20, wherein the frame system comprises at least one cross beam.
 - 22. The method of claim 19, wherein the frame system comprises a square, a rectangular, a triangular or a hexagonal configuration.
 - 23. The method of claim 22, wherein the frame system comprises a rectangular configuration.
 - 24. The method of claim 19, further comprising coupling at least one additional frame system to the base assembly.

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- 25. The method of claim 19, wherein the receiving members comprise tubes or channels.
- 26. The method of claim 19, wherein the receiving members are structurally reinforced.
- 27. The method of claim 19, wherein the base assembly comprises steel.
- The method of claim 19, wherein the coupling apparatus comprises at least one of a soldering joint, a bolt/nut/washer apparatus, an adhesive component, a molding component, a grip component or a combination thereof.
 - 29. The method of claim 28, wherein the coupling apparatus comprises at least one nut/bolt/washer apparatus.
- 10 30. The method of claim 29, where the coupling apparatus further comprises a sheer.
 - 31. The method of claim 30, wherein the sheer is ¼ inch in height.
 - 32. The method of claim 19, wherein the load component comprises a remote enclosure system.
- The method of claim 19, wherein the load component is a wine, liquor or beer barrel or drum.
 - 34. A method of using a load assembly, comprising:
 using the base assembly of claim 1;
 using a load component; and
 coupling the base assembly and the load component.